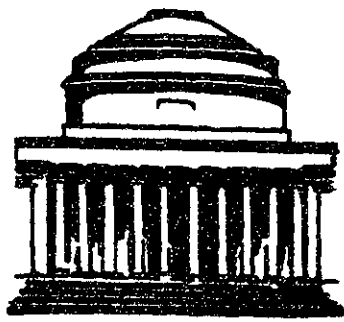


The Tech



MASS. INST. OF TECHNOLOGY
APR 7 1939

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Volume LIX, No. 18

CAMBRIDGE, MASS., FRIDAY, APRIL 7, 1939

Price Five Cents

Psychologist Gives Speech On Child Care

Dr. Rosenheim Conducts Question-Answer Period Today

PROBLEMS OUTLINED

Stressing his statements with frequent scientific analogies, Dr. Frederick Rosenheim, M.D., of the Judge Baker Guidance Center, outlined some of the fundamental child training problems in his lecture on "Child Psychology" in Room 10-250 at 4 and 5 P.M. yesterday afternoon.

To complement the lecture, the seventh of the series of eight marriage lectures sponsored by the T.C.A., Dr. Rosenheim will conduct the regular question and answer period in Room 6-120 today at 5 P.M. The discussion period is of extreme importance in handling any personal problems on the subject of child training as each problem requires individual attention and analysis.

On Staff of Guidance Center

Dr. Rosenheim, who is one of the two psychiatrists on the staff of the Judge Baker Guidance Center, brought out that one of the most essential

(Continued on Page 4)

Marriage Lecture

A.I.Ch.E. Elects Future Officers

Ex-Tech Professor Speaks On Soap Manufacture At Meeting

Frederic W. Hammesfahr, '40, was elected president of the American Institute of Chemical Engineers at a meeting of that society held in the Faculty Dining Room of Walker Memorial last Wednesday evening at 8:30.

Other officers for 1939-40 who were elected were: Norman R. Klivans, '40, vice-president; Alan E. Surosky, '41, secretary; and William G. Kussmaul, Jr., '41, treasurer. John S. Brodie, '41, was also nominated for the post of secretary.

Dr. Smith Speaks

Dr. L. N. Smith, a former Institute professor and a graduate of Technology, spoke on the research and manufacture of soap.

Dr. Smith is now chief research chemist of the Lever Brothers soap company, and his discussion was centered about his work with that company.

(Continued on Page 3)

A.I.Ch.E. Meeting

Plant Tours Sponsored By M.I.T. Radio Society

The M.I.T. Radio Society will sponsor a series of trips to the National Company, manufacturers of radio equipment, in Malden, Mass., during the week of April 10, Monday through Friday inclusive, Francis E. Vinal, Secretary-Treasurer of the Society, announced. Members of the Society must sign up in advance for the day on which they would like to go, in order that transportation may be provided and arrangements made with the National Company. The size of the daily groups is limited to ten and if necessary the trips may be continued the following week.

Information Requested For T.C.A.'s Handbook

All activities which wish to be listed in the Calendar of next year's T.C.A. Handbook are requested to submit the necessary information to the Walker Memorial Committee in Walker Memorial basement, as soon as possible, it was requested last night.

Staff Of Walker Nearly Complete Plans For Dance

Dining Service Men Arrange For Chaperones, Program, Refreshments

Plans have been completed for the fifth annual Francis Amasa Walker Assemblies dance it was announced last night. Sponsored by the members of the dining staff, it will be held in the Main Hall of Walker Memorial on Friday, April 14, at 10 P.M.

One of the highlights of the affair will be the Grand March, which is scheduled for 11:45 P.M. There will be an intermission at 12:30 A.M. when refreshments will be served in the North Hall.

Entertainment Starts

The entertainment will start in the Main Hall at the same time and will include vocal renditions by Willard S. Mott, '41, with Marshall P. Bearce, '40, at the piano. Miss Ann Schultz of the Radcliffe Choral Society, accompanied by Richard H. Braunlich, '40, will present songs, and Arthur S. Spear, '42, will play selections on the accordion.

Dancing will be resumed at 1:00 A.M. and continue until 3:00 A.M.

Buffet and Punch Table

Buffet refreshments and the punch table will be handled by the dates of dance committee members. The former will include Miss Harriet Cleveland, Miss Priscilla Washburn, Miss Eleanor Whitney, Miss Betty Moulton, Miss Betty V. Bridges, Miss Betsy Merrow, Miss Martha Little, Miss Eleanor Cooke, Miss Louise Hedlund, and Miss Ann Schultz.

Chaperones Listed

The chaperones at the affair are: Mr. and Mrs. Horace S. Ford, Professor and Mrs. Leicester F. Hamilton, Mr. and Mrs. Delbert L. Rhind, Mr. and Mrs. Frederick G. Hartwell, Mr. and Mrs. Wallace M. Ross, Mr. and Mrs. Ralph T. Jope, Professor and Mrs. James R. Jack, Mr. and Mrs. Albert W. Bridges, Dr. Avery A. Ashdown, Mr. Walter C. Wood, Mr. and Mrs. George W. Ives, and Mr. Henry P. McCarthy.

Bert Williams Orchestra, one of the rising bands, has been signed for the event. All selections played will be requests taken from a list of over ninety already received by Mr. Williams.

The facilities of the entire Walker Memorial will be available for the occasion, but only the main entrance, supervised by a professional "bouncer" will be left open in order to insure proper registration of the guests. Over 350 couples are expected to attend.

Tech-Emerson Quiz Scheduled

Student Teams To Battle April 21 Over WAAB

Pitting female intuition against male insight, a team of four young women from the Emerson College of Oratory will vie with the same number of Technology men on the evening of April 21 during a radio network program known as the "People's Quiz Club," and originating at station WAAB, Boston.

Questions bearing on general information will be fired alternately at the two teams for a half hour, beginning at nine o'clock, at the end of which time the grades will be totalled and the winning team graduated with honor and \$20.

Ladies' Choice

Falling in line with recent avowal of preference for Technology men by Simmons College girls, the Emerson women, when given the opportunity of naming their choice for adversaries, hinted that they would like to meet the Engineers. Go-betweens at the radio station and the Institute soon arranged the details and an eager foursome of Technology campus leaders was assembled.

When asked about the prospects of the Institute's victory in this new college sport, Wylie C. Kirkpatrick, '40, president of the commuters' 5:15 Club

(Continued on Page 2)

Radio Quiz

\$926.51 Pledged For Refugees

73% Of Replies Approve Project; Drive Will End On April 14

A total of \$926.51 has already been pledged to the Refugee student fund, the Refugee Committee announced today. With the drive to end April 14, \$640.43 in cash has already been received from students, faculty members, and friends.

Of the 419 replies received, 73 per cent were accompanied by contributions, while 27 per cent indicated disapproval, according to William H. Hagenbuch, '40, chairman of the committee.

66 Per Cent Approved

Sixty-six per cent of the 312 cards received from undergraduates favored the project. A response of 100 Faculty members showed ninety-three per cent voicing their approval. In addition seven "friends" also contributed.

The committee announced that all pledges are payable by April 14 to the Tech Refugee Committee at the T.C.A. office, in Walker Memorial.

Election Committee Requirements

The Elections Committee made the following announcement last night:

Nomination blanks will be available at the information office by Tuesday, April 11. They are to be returned to the box at the information desk by April 18.

Nominees are requested, but not required, to submit the following material along with nominations to the Elections Committee:

1. Cumulative rating.
2. Activity record at M.I.T. in tabular form.
3. 4 x 5" photograph

The nominations are for president, secretary-treasurer, and two Institute Committee members. Twenty-five signatures are required for each nominee. No one may sign blanks for more than one man for president and secretary-treasurer or for more than two men for the Institute Committee. The elections will be held on April 26.

Speaks On Planes



Igor I. Sikorsky, noted aircraft designer.

Sikorsky Lectures On Significance Of Flying Boats

Thinks Demand For Comfort Will Cause Large Increase In Plane Size

"Landplanes versus Flying Boats" was the subject of a lecture given by Igor I. Sikorsky, famous designer and manufacturer of flying boats, yesterday afternoon at 3:00 P.M. in Room 10-250.

About 350 students and members of the faculty attended the lecture. After a few brief introductory remarks about the influence of hydrostatic and hydrodynamic conditions on the design of seaplanes, Mr. Sikorsky went on to compare the efficiency of flying boats and landplanes of various sizes.

Says Landplanes Superior

In his opinion landplanes are superior to flying boats in the smaller sizes up to about ten tons. From 10 to 15 tons both types are about equally efficient, and in the larger sizes flying boats are superior, he said. The limit today is about 100 tons, but Mr. Sikorsky is convinced that considerably larger planes will be built in the not too distant future.

He mentioned that considerably more emphasis was being placed on increased passenger space in the

Sikorsky

(Continued on Page 4)

Freshmen Finish Formal Dance Plan

Final plans for the Freshman Formal dance, to be held May 12 in the Hotel Somerset, were discussed last Tuesday afternoon at a meeting of the Freshman Council in the East Lounge of Walker Memorial.

Walter H. Farrell, President of the Junior Class, presided over the meeting. Seven tickets were distributed to each of the twenty-five section leaders, which left a surplus of twenty-five tickets to go on sale at the desk in the main lobby. It was decided that the desk would be open from 12:00 noon till 2:00 P.M., from last Wednesday until today.

Handbills Distributed

Posters were put up around the Institute, and handbills were given out for distribution among the freshmen. It was discovered that the chief use of the handbills after distribution was the manufacture of toy gliders which were launched in 8.02 lecture.

Since there were so few tickets available, the attendance at the dance will be limited to members of the Freshman class, and it was expected that the tickets would be bought out before the end of the week.

Inst. Comm. Passes New Point System

C.P.S. Retains Its Position By Narrow Margin Yesterday

ELECTIONS APPROVED

Tentative adoption of a new point system for extra-curricular activities was the chief feature of a long winded and stormy session of the Institute Committee yesterday evening in the East Lounge of Walker Memorial. The motion was passed following a recommendation which was made by the Walker Memorial Committee in its report.

This motion did not reinstate the former point system but rather indicated that the Institute Committee was in favor of adopting a similar system if a satisfactory one is presented at a subsequent meeting. The details for preparing this system have been committed to the Walker Memorial Committee which has always been in charge of it in the past.

C.P.S. Still on Inst. Comm.

After a lengthy and digressive debate among the members of the Institute Committee and the officers of the most of the individual professional societies, the Combined Professional Societies were permitted to maintain

(Continued on Page 4)

Inst. Comm.

Leon Mayers Will Play For Carnival

Dancing To Continue From 8:30 Until 12 In Main Hall

Leon Mayers and his orchestra will play for the All-Tech Carnival, Harold V. Wallace, '40, chairman of the dance committee, announced last night. Dancing will be held in the Main Hall of Walker from 8:30 to 12, April 29.

Plans for the contest games lining the walls have nearly been completed and a comprehensive array of machines will test the skill and intelligence of Technology men and their dates. The games will be mainly games of skill with one or two chance games for those favored by luck.

The Executive Committee of the 5:15 Club, which is sponsoring the Carnival as part of the program for the I.F.C. weekend, has stated that prices will range from one to five cents for everything with the possible exception of hot dogs, the price of

(Continued on Page 3)

Carnival

T.C.A. Recruits Coeds As Boys' Work Expands

Coeds have been enlisted to engage in girls' work as a part of a new program adopted for the expansion of the Boys' Work department of the T.C.A., it was announced after a meeting of Technology volunteers doing such work.

At present, the department consists of over 42 volunteers, who have been working more or less independently of each other, and an executive committee consisting of five boys' workers. The new program will endeavor to afford some sort of organization for the workers and afford a means for expanding the scope and amount of the work which the volunteers can accomplish.

The Tech

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY
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Night Editor: Robert I. Kraus, '42

THEORY OF STRUCTURES

After a slumber of several years, the point system of rating Institute activity men is apparently quite definitely due to be restored in the near future.

Much has been said in favor of this system; there can be very little said against the system itself. In intention and in plan it can be nothing less than a most valuable asset.

In plan and intention it was that same asset several years ago, but it was nevertheless abandoned. It was abandoned then because it was slackly administrated and poorly enforced; because it was to all intents and purposes non-existent. That wasn't the fault of the point system; it was the fault of the men who were in charge of enforcing it.

Such a fate will inevitably fall to the prospective system, however great are its merits, unless it is not only well drawn up, but actively interpreted in the spirit of its creation. In other words, the limits and restrictions set up by the system must be rigidly observed. There must be no exceptions; one leak, in a dam will sooner or later do away with the whole structure.

The positive merits of the point system were briefly summarized by Wiley Corl, head of the Walker Memorial Committee, yesterday at the Institute Committee's meeting, in the following four points: by limiting the number of activities in which any one person can hold positions, more men will be enabled to hold such positions; by limiting the number of such positions any one person can hold, it will prevent him from spending too much time on activities and so reduce the scholastic mortality rate among such leaders; by so limiting the range of activities possible for one man, it will prevent an activity from having a leader who is too busy to give that activity the time and energy necessary for its progress; by making a full list of available positions public, the system will act as an encouragement to the freshmen and sophomores who would like to get somewhere in activities.

IT'S UP TO US

The aim of the recent editorial in this publication concerning the removal of politics from the school elections was not so much to do away with groups backing their own candidates — stopping that is not humanly possible. The aim of the editorial was to arouse student opinion against the high-pressure electioneering tactics which have been used within the various groups to force them into voting for the group candidate, whether he was the best man or not.

In other words, our aim is to try to get the students to take party politics out of Institute elections. There is no proper place

in this school for such things; all they do is arouse ill feeling.

The value of this proposal is everywhere admitted—by the candidates themselves, by those student leaders concerned, and without much doubt by the student body.

Still, most of us call the proposal idealistic, and impractical. It is as long as we have that opinion of it. A thing stops being idealistic when people begin to believe in it, and work for it. If the students would get behind this idea of removing politics from school elections, it would right then and there stop being idealistic and become a powerful force for good. It is up to us to do it; no one else can.

There is no use for the defeatist attitude—for the man who says it can't work. Nothing works, until everybody gets behind it and pushes it for all he is worth. And suppose after all this proposal is not successful—are we any worse off? We have nothing to lose. If the students will back up the plan, they can make a success of it; if they will not put it over, at the worst we are only right back here where we started.

The Tech welcomes letters on this subject; and, within the limitations of space, will be glad to print them.

SCIENCE IN BRIEF

by ARTHUR M. YORK, '38

SEEING SMELL

For many years scientists have believed that smells are composed of vapors, but they have not been able to prove it definitely until lately. A French research worker, Professor Henri Devaux, makes accurate measurements to prove that flowers lose definite proportions of their weight each day by the evaporation of their perfume. When petals of a flower are placed near a pool of mercury which has been covered with powdered talc, the perfume spreads itself in a layer a single molecule in thickness on the surface of the mercury, at the same time pushing back the talc from the area which it covers. Since the layer is known to be a single molecule thick, its volume may be calculated after measuring its area as indicated by the extent to which the talc has been pushed back. As an example, the measurements show that jasmine flowers give up a hundredth of their weight each day in smell.

DEATH RAY

A new method for rapid and inexpensive tenderizing of beef makes use of a "death ray." Ultra violet ray lamps are used to kill the bacteria which would spoil the meat if they were allowed to act. Then it is possible to increase the humidity and raise the temperature in the storage rooms to the vicinity of 70 degrees F. to allow the enzymes of the meat speedily to break down the connective tissues which make meat tough. The process reduces the necessary "hanging" period from weeks to days and eliminates much of the waste normally caused by discoloration and drying.

THE READER SPEAKS

Letter to the Editor:

"If The Tech were alive today" . . . it would not publish the inference that Sigmond Freud has already died, as in your first editorial of the March 31st issue. He is still very much alive and living in England according to latest reports.

L. Benenson, '40

To the Editor:

Your recent discussions of science vs. religion, plus a discussion by a group of young people on the question "Does youth need religion?" has led my opinion to crystallize on the following theory.

Whether or not intelligent people, young or old, need religion is not debatable because they do have religion no matter whether they realize it or not, will admit it or not, or need it or not. Religion should be defined as the respect and the fear of inexplicable and, therefore, unpredictable forces.

Time was when humans worshipped the sun, the moon, the stars, the ocean, the wind, and so on. That was before man had been able to understand and to explain to his own satisfaction the means by which earthly plants convert the sun's energy into carbohydrates and how animals use the carbohydrates as fuel, the orderly manner in which the heavenly bodies move, the physical significance of the ocean's tides, and causes of atmospheric movements.

As soon as man was able to assign definite laws to those natural forces, the need for respect for those forces vanished and he raised himself above them. In other words, he ceased to worship them. As man has pushed back the horizon of the unknown, the successively deeper mysteries have become the objects of his reverence. Right now the mystery of how plants and animals received life is rapidly nearing explanation as the scientist appears to be on the verge of proving that protoplasm can evolve from inanimate matter. Probably for a long time to come there will be that ultimate mystery of the origin of matter which man can worship and ponder over.

The Spectator

The Reader Speaks

Editor of The Tech:

In the lead editorial on Tuesday, April 4th you favor the abolition of politics in the choosing of class officers. The idea is fine but it is not nearly as important as you make it out to be. There is seldom much to choose between the candidates proposed by the various slates and these slates invariably pick the ablest men to insure their winning the election.

On the other hand there is a political situation at the Institute which does need correction. That is in the picking of members for the so-called class honorary societies. I will present below figures taken from the last two volumes of Technique.

In 1937 Osiris was composed of three members from Phi Gamma Delta, two from Delta Kappa Epsilon, the Dorms and Sigma Nu, and one apiece from Theta Delta Chi, Beta Theta Pi, Phi Kappa Sigma, Delta Upsilon and Theta Chi, a total of twelve fraternity men, two dorm men and no commuters.

In 1938 the figures are: Two members from Phi Gamma Delta, Beta Theta Pi, the Dorms, and Delta Tau Delta and one apiece from Delta Kappa Epsilon, Sigma Nu, Theta Chi and Chi Phi, a total of ten fraternity men, two dorm men and no commuters.

In 1937 the corresponding figures for Beaver Club are: Seven members from Phi Gamma Delta, five from Delta Psi, three from Delta Kappa Epsilon and Phi Kappa Sigma, two from Phi Beta Epsilon, and one apiece from the Dorms, Beta Theta Pi, Kappa Sigma, Theta Chi and Delta Tau Delta, a total of twenty-four fraternity men, one dorm man and no commuters.

For 1938 the figures are: Four members from Phi Gamma Delta and Delta Psi, three from Delta Kappa Epsilon and Phi Kappa Sigma, two from the Dorms, Phi Beta Epsilon and Chi Phi, and one apiece from Beta Theta Pi, Delta Tau Delta, Alpha Tau Omega, the Student House and Sigma Chi, a total of twenty-two men from the fraternities, two from the Dorms, one man from the Student House and none from the commuters.

In Beaver Key the figures for 1937 are: Five members from Delta Kappa Epsilon, seven from Phi Gamma Delta, four from Beta Theta Pi, three from Phi Kappa Sigma, two from Delta Upsilon, Delta Psi, the Dorms, Phi Beta Epsilon, and one apiece from the Commuters, Chi Phi, Theta Chi, Alpha Tau Omega and Theta Delta Chi, a total of twenty-nine fraternity men, two dorm men and one commuter.

For Beaver Key in 1938 the figures are: Four members from Phi Kappa Sigma, three from Delta Psi and Chi Phi, two from Phi Gamma Delta, Delta Upsilon, the commuters, Beta Theta Pi, Theta Chi, Theta Delta Chi, and Sigma Chi, and one apiece from Phi Beta Epsilon, Alpha Tau Omega, Kappa Sigma, the Student House and Sigma Nu, a total of twenty-six fraternity men, two commuters, one resident of the Student House and none from the dormitories.

Finally for Quadrangle the figures for 1937 are: Four members from the commuters, two from Chi Phi and Phi Gamma Delta and one apiece from the Dorms, Kappa Sigma, Delta Psi, Delta Upsilon, Theta Chi, Sigma Chi, Theta Delta Chi, Delta Kappa Epsilon, Phi Kappa Sigma, Beta Theta Pi, and Delta Tau Delta, a total of fifteen fraternity men, four commuters and one dorm man.

The figures for 1938 are: Thirteen members from the commuters, two from Kappa Sigma, Delta Psi, Delta Upsilon, Chi Phi, Phi Gamma Delta, Phi Kappa Sigma and Phi Beta Epsilon, and one apiece from the Dorms, Theta Chi, Sigma Chi, Theta Delta Chi, and Delta Kappa Epsilon, a total of eighteen fraternity men, three commuters and one dorm man.

Similar figures could be shown for the representation in these organizations at the present time. At the time when the honorary societies had the representation shown above there were approximately six hundred fraternity residents, four hundred and twenty-five dormitory students, and thirteen hundred commuters as undergraduates. (At the present time there are about two hundred more dormitory residents and about one hundred less commuters.)

The situation can be remedied in one of two ways, either by abolishing the honorary societies completely or by a new system of choosing the members so that a more representative sample of the student body will be included. As it is now these societies are honorary in name only.

One method of choosing the members would be to have nominations for membership suggested by the present members of the organization involved while at the same time leaving plenty of space on the ballot for the student to write in the names of other candidates whom they believe to be more worthy of the honor. In this way the class as a whole could indicate its preference as to the make-up of its honorary societies.

It is true that this method has its disadvantages. It would run into the same difficulties as the present class elections do, but it would certainly be a vast improvement over the present situation in which members are chosen according to which fraternity they belong.

Sincerely,

ALVIN GUTTAG.

Radio Quiz

(Continued from Page 1)

and spokesman for the Engineer delegation, said, with the characteristic decision and readiness of a slide rule artist, "That five dollars apiece will certainly come handy to all of us."

The Tech Team

In addition to Kirkpatrick, the Technology team is composed of Russell T. Werby, '40, manager of the Debating Society; John G. Burr, '40, editor of The Tech; and Joseph J. Casey, '40, vice president of the 5:15 Club. Members of the Emerson team will be announced at an early date.

The studio at WAAB has room for about 100 spectators, and enthusiasts including friends of the contestants may attend the broadcast to the capacity.

The First Church of Christ, Scientist

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Sunday School 10:45 a. m. Wednesday evening meetings at 7:10, which include testimonies of Christian Science healing.
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Seniors, Bemis, And Beta Fives Set For Finals

Defeat Sigma Chi, Chi Phi, And Phi Kappa Sigs In Semi-Finals

FINALS NEXT WEEK

The Senior House, Beta Theta Pi, and Bemis basketball teams are three of the finalists scheduled for the deciding round robin of the Beaver Key basketball tournament. The scheduled game between Phi Gamma Delta and Delta Upsilon has been temporarily cancelled.

The Senior House five barely shaded the Sigma Chi team in a closely contested game, emerging victorious with a final score of 28 to 23. Phil Bush and Charles Mercer starred.

Theta Pi Wins, 22-13

Paced to a 22-13 win by Jim Hall, their star player, the Beta Theta Pi quintet defeated Phi Kappa Sigma last Wednesday.

Chi Phi's fighting quintet went down to defeat before the battering guns of Bemis, by a score of 22 to 8. Dick Braunlich, Henry Rapoport, and Bill Stone led their team to victory, while Jim Shipman gave a brilliant performance for the losing team.

The winners will face each other in the finals of the tournament next week.

SHORTS ON SPORTS

HOWARD J. SAMUELS, '41

BEAVER KEY RULES

Undoubtedly the rules committee on the Beaver Key basketball tournament did an excellent job for their first year in turning out the rules for the tournament this year. However, they seem to have one rule which merits amendment. That is the rule specifying that no man who has ever won a varsity letter at Tech or any other school can play in the tournament. Doesn't this defeat the purpose of the tournament? Certainly one of the main reasons for running such a tournament is to give an athlete, who hasn't had a chance to play during the year, a chance for some competition and exercise. One of the main points of the tournament is the holding of the interest of those who have either been unable to make the teams or who haven't had the time to give to the varsity. It seems that an improvement on the rules would specify that only members of the present varsity team at Tech be excluded from play.

SOCCER TEAM VS. HARVARD

After a month of dickering, the proposed spring soccer game between Tech and Harvard has been arranged. The game turned out to be a humdinger as last year M.I.T. gave Harvard the biggest scare they received all year and were defeated only on a referee's decision. The game is scheduled for Harvard Field on April 29. The Tech team is already practicing on the new Tech Field on Tuesday and Thursday afternoons. Most all the members of last year's varsity and freshmen team were at the first practice last Tuesday.

DORM TEAMS SPURT IN BEAVER KEY

The two representatives of the dorms now seem to be taking the commanding picture in the Beaver Key Tournament. The dorms have two of the three teams which have so far reached the final round. Both Bemis and the Senior House have powerful teams to combat the two fraternity teams that will also be in the final round. One of the fraternities, the Betas, already has gained the position. The fourth position goes to the winner of the Phi Gamma and D. U. game. The four teams will begin play in the round robin to determine the championship next week.

Refugee Committee Sets Deadline For Payments

The Technology Refugee Committee announced last night that pledge cards are due by April 14. Payments are to be made at the T.C.A. office.

Frosh Gym Team Lose Meet 32-22

Anderson Stars By Winning Three Events For Technology

The State Schoolboy Championship Team of Braintree High School defeated the Tech freshmen gym team yesterday in Walker Memorial by the score of 32-22.

George Anderson, Tech frosh, was the star of the meet gaining first place in Parallel Bar, Rope Climb and Side Horse. Jimmy Kjellander was the star for the Braintree Team as he placed in Flying Rings, Tumbling and Parallel Bars.

The Tech frosh have had the strongest Freshmen team in years at Tech. Last week they defeated a strong freshman team from Dartmouth.

SUMMARIES OF YESTERDAY'S MEET

High Bar	Flying Rings
1. Drummy, Br.	1. Kjellander, Br.
2. Maxwell, Br.	2. Maxwell, Br.
3. Rose, Br.	3. Albert, Br.
Side Horse	Tumbling
1. Anderson, T.	1. Maxwell, Br.
2. Touché, T.	2. Kjellander, Br.
3. McClintock, T.	3. Drummy, Br.
Parallel Bars	Rope Climb
1. Anderson, T.	1. Anderson, T.
2. Kjellander, Br.	2. Martin, T.
3. Ferranti, Br.	3. Rinaldi, Br.

Carnival

(Continued from Page 1)

which is now being negotiated with the Walker Dining Service. Most of the chance games will be one, two or three cents, depending on the prize offered.

Exhibits Entered

At present, seven entries have been made in the "Rube Goldberg" machine

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April Sports Calendar

- 8 Varsity Lacrosse at Stevens.
- 15 Varsity Lacrosse at New Hampshire.
- 21 Varsity Golf vs. Tufts, Oakley C.C.
- 22 Crews race Harvard and Rutgers here. Varsity Golf vs. B.U., Oakley C.C. Freshman Tennis vs. Suffolk at Harvard.
- 24 Varsity Tennis vs. Bates here. Freshmen Tennis vs. Tufts at Medford.
- 26 Varsity Lacrosse at Harvard.
- 23 Varsity Golf at Amherst. Freshman Track at Tufts.
- 29 Varsity Track at Colby.

contest; four fraternities and three dormitory halls have signified their intention of trying for the prize.

First prize will be fifteen gallons of beer, second prize will be a case of beer, and third prize will be a case of ginger ale. Other fraternities and dormitory halls should signify their intention of taking part in the contest by next week, so as to reserve space for their exhibit.

Queen Chosen

A Carnival Queen will be selected and awarded a prize, Joseph J. Case, '40, vice-president of the Club, announced. A machine may be devised to "Rate Your Date." This device may be used in determining the queen.

The Carnival will be held directly after the All-Tech Sing to be sponsored by the Baton Society in the Great Court on Saturday evening, April 29. Tickets will go on sale in the Main Lobby noontimes during next week. The price will be 75 cents per couple.

Matmen Pick New Captain

Stone, Vanderpoel Chosen To Lead Wrestlers Next Year

William Stone, '40, and John Vanderpoel, '40, were elected co-captains of the wrestling team for the coming year at a banquet held Tuesday night at Durgin Park restaurant.

The banquet was the climax to a successful year of wrestling at Technology. The new captains replace John Vyverberg, '39, who captained the team through this year's campaign. Awards were made to both freshmen and varsity men. The turnout for the banquet was the largest in years.

Frosh Captain Elected

The freshmen elected J. T. Carlton honorary captain of their team at the banquet. Carlton was the star of the freshmen team, as he went through the season undefeated. He won four of his matches by falls, and one by decision. Carlton was an all-state wrestling star last year.

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Institute's New Track Is Rated Among Finest In United States

Designed by Mr. Frederick W. Rubien, world's foremost track engineer, the Institute's new track is rated among the finest in the United States.

The track, located behind the new field house on the new Tech Field, will be the first completed unit in the Alumni Athletic expansion program when it is finished—probably about May 1st. The first intercollegiate meet to be held on it is scheduled for May 6th with Bates College.

Rubien Says Track Among Finest

The designer's son, Mr. Frederick W. Rubien, Jr., who builds many of the athletic units his father plans and who is in charge of construction of the Technology track, places the track on a par with the best in the United States.

Rating the track with those at Princeton, Harvard, and Los Angeles, Mr. Rubien says, "Of course, the public rates a track according to the races run on it. When Princeton brings runners like Cunningham, San Romani, and Lash to its track to race on a hot summer day when the cinders are thoroughly baked and in excellent shape for running, the Princeton track gets a lot of publicity. But at Tech you're liable to have a meet with average runners in spring while the track is still slightly damp. The difference is self evident."

Tech track and field will be so complete that even such important track events as Olympic tryouts can be held on it. Seating capacity is the only drawback.

Mr. Rubien became interested in track designing through an interest in athletics in his youth. At one time he was a champion bicycle rider. He was secretary-treasurer of the AAU for 27 years and has been on the American Olympic Committee for 32 years.

Has Designed 5000 Tracks

For over twenty years he has been consulting engineer on Olympic tracks, including those at Berlin, 1936, Los Angeles, 1932, Paris, 1928, and Antwerp, 1924. He designed the largest track and field in the United States for the Yankee Stadium, New York. In a recent survey it was found that he has designed over 5000 tracks in the United States alone.

He designed the old track by Barbour Field House back in 1916. Mr. Rubien, Jr., claims that the 1916 oval could easily have been made into the present outlay by the addition of concrete curbing and richer surfacing. However, the proposed location of a new swimming pool on the site of the former track necessitated construction of the new one on the other side of Massachusetts Ave.

Editor's Note: A complete description of the new track will be published in the next issue of The Tech.

5:15 Club To Give Dance In Club Room Tomorrow

The next in the spring series of room dances offered by the 5:15 Club will be held in the club room tomorrow evening from 8 P.M. till midnight.

As is customary, music will be furnished by the club's victrola. The admission fee to members will be ten cents a couple, and to non-members, twenty-five cents. Refreshments will be served.

A.I.Ch.E. Meeting

(Continued from Page 1)

pany. He discussed the manufacture of soap, and the new advances in its physical chemistry.

His discussion was illustrated with phase diagrams and with a movie entitled "The Manufacture of Rinso", which showed the research involved in the making of soap and in its manufacture. Refreshments were served at the end of the meeting.

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Town Hall Hears Tech Professors Smith And Greene

Neutrality Act Is Debated As Audience Questions Two Speakers

Neutrality was the subject of the Town Hall meeting on Tuesday afternoon at 5:00 P.M. in Room 10-250, at which about 75 students heard Professors William C. Greene and Theodore Smith of the English department take opposing sides on the question, and flooded both speakers with questions after the discussion.

Professor Smith began by tracing the history of the United States during the World War, attempting to show that this country cannot remain neutral during a major European conflict. He pointed out that the present neutrality act favored aggressor nations and should be amended.

Greene for Neutrality

Professor Greene then insisted that complete neutrality was the only way to keep out of war. He did not believe that a change of the neutrality act along the lines proposed in the Thomas Amendment would insure neutrality.

A vote on the Thomas Amendment taken at the end of the discussion showed that 60% of those present favored the adoption of the amendment.

No Meeting Next Week

There will be no meeting of the Tech Town Hall next week because it would conflict with the Tech Embassy.

The next meeting, sponsored by the American Student Union will be on April 25. Dr. Howard Meyer, New England regional director of the National Labor Relations Board and some member of the Industrial Relations department at the Institute will speak on labor unity.

Marriage Lecture

(Continued from Page 1)

factors in attacking child training problems is a complete understanding of peoples' thoughts and characteristics.

At this point, Dr. Rosenheim compared the problem of understanding to the relationship between the employer and employee. The employee makes a definite attempt to understand his boss in order that he remain in good standing, but since the employer can give the orders he does not have to bother understanding the employee, although it would be profitable for him to do so, the lecturer said. The very same situation exists between a child and its parents.

Parents Overlook Emotions

One fact that parents are apt to overlook is that children are responsive to every type of emotional circumstance. Dr. Rosenheim emphasized that the field of emotions can not be treated in the precise manner of science, but that it is just as real and important. He went on to add that many people think that children do not understand the things that happen about them, and he warned that even animal pets can feel when they are wanted and liked.

The lecturer stated that many children lead unhappy lives because of the fact that either one or both of the parents may resent the child. Children may be unwanted for various reasons and the parents' treatment of the child usually shows it. Even the condition that the child is a boy when a girl was wanted may blight the child's whole life, he remarked. A child brought up in a home where the parents are quarreling and squabbling has a definite disadvantage to one reared in a happy home.

"Must Defy Parents"

"The only way that a child can develop is by defying its parents" was the startling statement made by Dr. Rosenheim when he brought up the subject of the parents' control over the child. He went on to qualify the statement, however, making it apply only to parents who will not permit

CALENDAR

FRIDAY, APRIL 7

7:15 P.M. Army Ordnance Meeting—Chamber of Commerce Building.

SATURDAY, APRIL 8

8:00 P.M. 5:15 Club Dance—5:15 Club Room.

TUESDAY, APRIL 11

5:00 P.M. T.C.A. Embassy Meeting—Room 6-120.
6:15 P.M. T.C.A. Embassy Graduate Dinner—Faculty Room.
6:15 P.M. T.C.A. Embassy Undergraduate Dinner—North Hall.
6:15 P.M. Tech Squash Team Dinner—Silver Room.

Glee Club Makes Record Of M.I.T. "Stein Song"

A record of the M.I.T. Glee Club singing the first two verses of the Tech "Stein Song" was made at the beginning of yesterday's rehearsal.

Two recordings were made and will be available to those desiring them. The Alumni Association had requested that the record be made.

Sikorsky

(Continued from Page 1)

planes today than on the payload space, as was the case formerly. The increasing demands for comfort by the passengers are largely responsible for that. For reasonable comfort about 440 cubic feet are required per passenger.

Showed Slides

After the lecture Mr. Sikorsky proceeded to show some slides, but could not finish because the room was reserved for the marriage lecture at 4 P.M.

Mr. Sikorsky is a lecturer in the department of Aeronautical Engineering, and speaks here at regular intervals.

their children to do anything for themselves.

The lecturer stated vigorously that one of the most dangerous things in child training is the innocent looking word "don't." The wise parent looks ahead, and helps the child develop its character by letting it conquer by itself many of the situations that it faces. Over-protection is one of the most unfortunate things that can happen to a child.

Dr. Rosenheim concluded his lecture with the statement that children do not go around with labels telling what their problems and thoughts are. Although there are no characteristic tests such as there are in chemistry, the only remarkable formula that is needed is intelligent understanding, he added.

Life And Religion Topic of Embassy

Rev. C. H. Kopf To Give Talk Before Evening Dinner On Tuesday

Plans for the Third Annual Tech Embassy, sponsored by the T.C.A., are nearing completion, lecturers having been obtained for virtually all of the participating organizations, it was announced last night. Twenty-two fraternities, the three dormitory groups, and the 5:15 Club are arranging for speakers.

The topic of this year's Embassy, "Life and Religion," will be outlined by Rev. Carl Heath Kopf, pastor of Mount Vernon Church, at a general meeting Tuesday, April 11, at 5:00 P.M. in Room 6-120. After he speaks, the "ambassadors" to the various groups will speak and answer questions at dinner meetings at the various houses and meeting rooms.

All Dinners on Same Night

At 6:00 P.M., the Graduate House students may hear Professor Charles M. McConnell of Boston University, at a dinner in the Dutch Room, the total cost of which will be 50c. Fifteen minutes later, at 6:15 P.M., on April 11, the Undergraduate senior houses have arranged to hear Major Archibald D. Fiske in the North Hall of Walker Memorial at a dinner meeting which will also cost 50c. At the same time, Professor Erwin H. Schell will address a group of members of the 5:15 Club in their clubroom at a 25c dinner. The Senior House students will hear Rev. Newton C. Fetter in the Faculty Dining Room, at 6:30.

Those arranging for the Embassy are headed by William H. Davis, '39, and John C. Pottet, '41, General Chairman. Among the others serving on various committees are Peter M. Bernays, '39, Jackson R. Nichols, '40, John J. Quinn, '42, John T. Bone, '41, Roy C. Heacock, '39, Nicolaas Ferreira, '39, Gilbert E. Moos, G., Frederick R. Henderson, G., George W. Dupree, G., Willard S. Mott, '41, and Teddy F. Walkowicz, '41.

Reviews and Previews

KEITH MEMORIAL — Deanna Durbin's new picture, *Three Smart Girls Grow Up*, is a picture suited to her in every way. This production bids fair to becoming another Durbin success. On the same program is the story of "one-way Corrigan", *The Flying Irishman*, starring the popular flyer. Rather than being merely the story of Corrigan's flight, the picture is a factual biography of the "March of Time" type.

LOEW'S STATE AND ORPHEUM—Huckleberry Finn, boy roamer of the Mississippi, again goes through his amazing adventures, read by millions of Mark Twain enthusiasts, with the help of Mickey Rooney. The boy actor's first solo starring vehicle comes to these theaters on Saturday. The success of *Blondie* has led Columbia to produce a second film based upon the same lovable comic strip characters — the Bumsteads... *Blondie*, *Dagwood*, and *Baby Dump*. This new film, *Blondie Meets the Boss*, finds Penny Singleton and Arthur Lake again featured.

EXETER—Charles Laughton and Elsa Lanchester in *The Beachcomber*, with Alice Faye and Constance Bennett in *Tailspin*, will constitute the program for the first half of the week beginning Sunday.

METROPOLITAN—The current program of *Yes My Darling Daughter* and *Torchy Blaine in Chinatown* will be held over for two additional days, through Friday. On Saturday the Metropolitan offers the New England premiere of Warner Brothers' new Technicolor adventure, *Dodge City*, starring Errol Flynn and featuring a large cast that includes Olivia DeHavilland, Ann Sheridan, Bruce Cabot, and Frank McHugh. The companion film will be *Adventures of Jane Arden*.

New Officers Are Named By Scabbard And Blade

Scabbard and Blade, honorary literary society, elected new officers Tuesday.

George R. Weinbrenner, '41, is the new captain. He is also the president of the Army Ordnance Association for next year. Robert G. Fife, '41, was elected first lieutenant, John McEvoy, '40, second lieutenant, and Charles S. Godfrey, '40, first sergeant.

Inst. Comm.

(Continued from Page 1)

their representatives on the undergraduate governing body. The vote was very close, but the necessary two-thirds majority was not secured.

The election of Thomas F. Creame '40, as president of the M.I.T.A.A., of William W. Merrill, Jr., '40, as vice president, of Edwin H. Seim, '40, a secretary, and of J. Herbert Holman, '40, as treasurer for the 1939-40 season were approved.

Old Business

Under the heading of old business the committee allotted \$11.50 out of the \$52.50 which had been requested for the administration of the All-Tech Sing, approved the constitution of Eta Kappa Nu, and discarded the petition of the Society of Royal Shovel Hoisters for constitutional recognition.

New business included approval of the budget for the freshman dance, approval of the A.I.Ch.E. elections, and a grant of \$75 dollars to the debating society.

The meeting, the longest this year, adjourned at 6:45 P.M.

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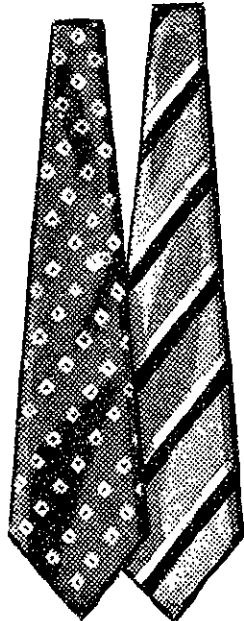
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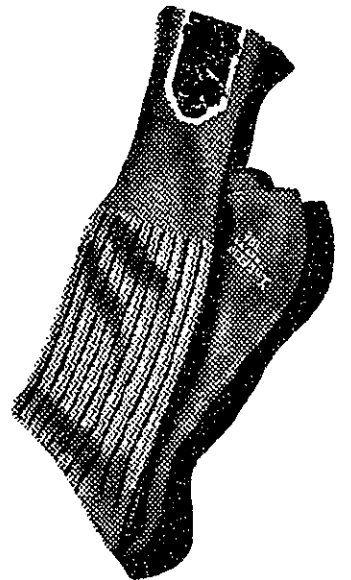
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